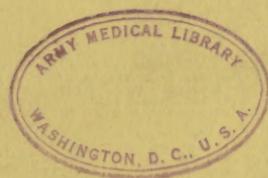


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Statistical Report

1930 — 1940

Westchester County
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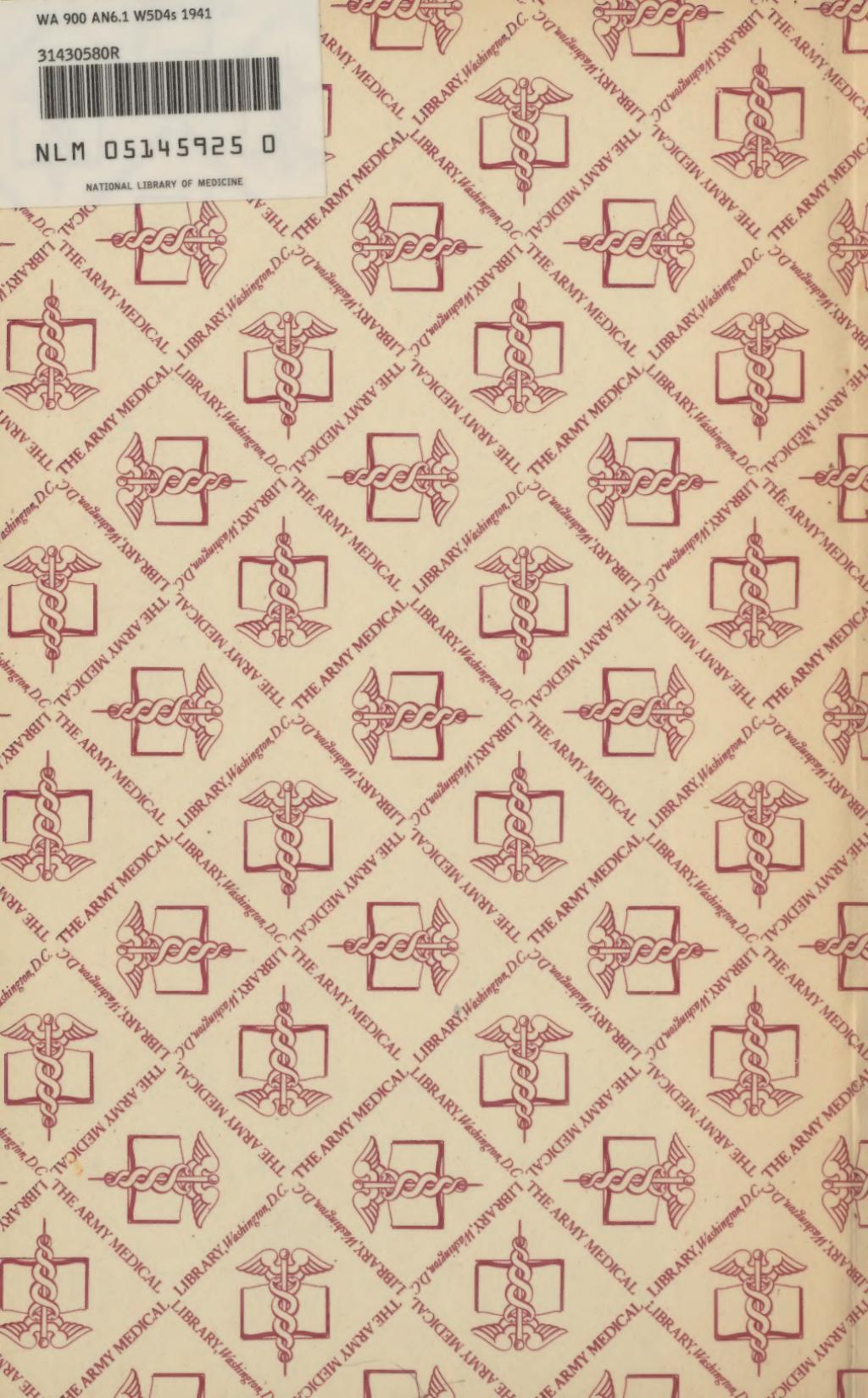
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Statistical Report

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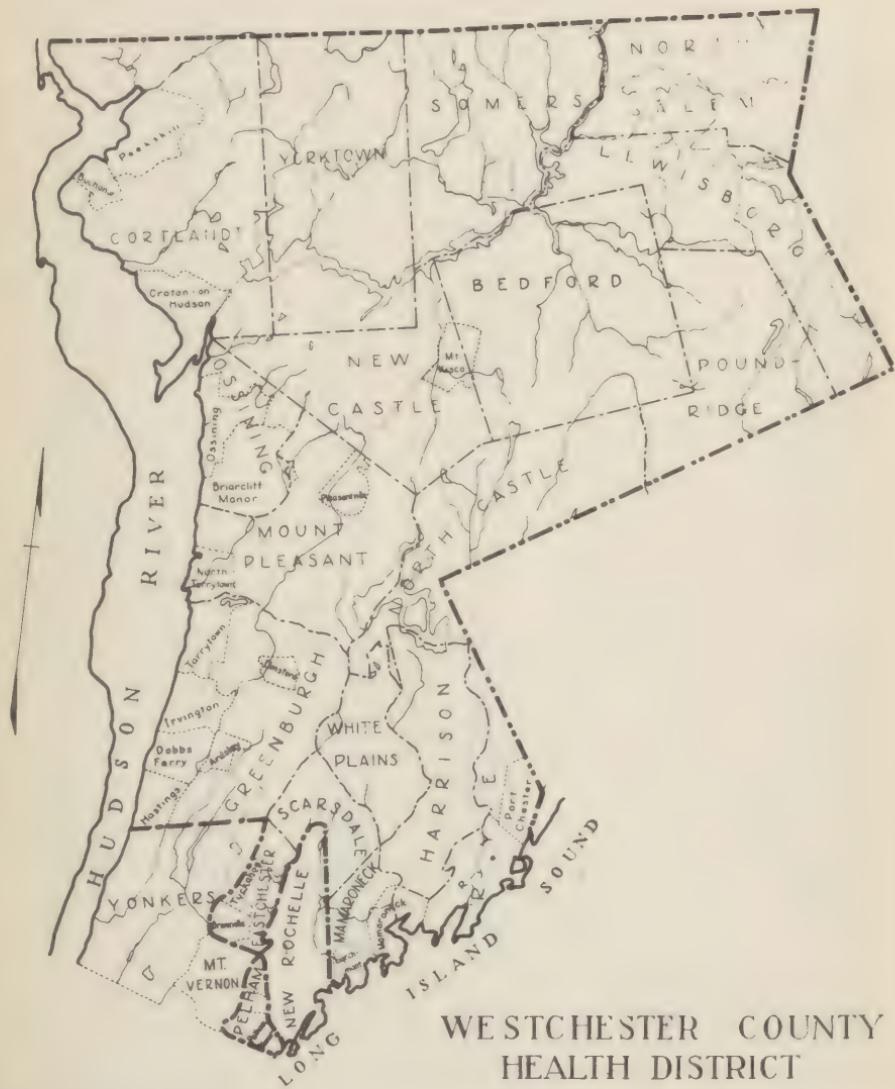
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Foreword

The material herein presented was assembled during the preparation of "Forward to Health", a report describing the first ten years of the county health district and published in 1941. The tables are for the most part based upon data collected routinely, and made possible through the cooperation of the medical profession and numerous other agencies, public and private. They are intended to show public health activities and their results numerically, and will also serve as a reference compilation for study and future comparison with similar material.

The statistical report was prepared and edited by Miss Marjorie T. Bellows with assistance from other members of the health department staff.

George H. Ramsey, M. D.
Commissioner of Health



WESTCHESTER COUNTY
HEALTH DISTRICT

Table 1. Population 1930 and 1940, area, population density in 1940, by geographical subdivisions: Westchester County Health District.

Place	Population ^{1/}		Area in square miles	Population density per square mile July 1, 1940
	July 1, 1930	July 1, 1940		
County Health District	269,245 ^{2/}	302,614 ^{2/}	424.64	713
Cities				
White Plains	35,942	40,439	9.17	4,410
Peekskill ^{2/}	17,130	17,316	4.22	4,103
Villages				
Ardsley	1,142	1,430	1.25	1,144
Briarcliff Manor	1,795	1,831	6.04	303
Bronxville	6,400	6,901	0.96	7,189
Buchanan	1,352	1,606	1.40	1,147
Croton	2,482	3,878	4.68	629
Dobbs Ferry	5,745	5,887	2.41	2,443
Elmsford	2,939	3,082	1.00	3,082
Hastings	7,096	7,056	1.81	3,898
Irvington	3,072	3,277	2.91	1,126
Larchmont	5,299	5,987	1.16	5,161
Mamaroneck	11,798	13,066	3.03	4,312
Mount Kisco	5,147	5,961	2.85	2,092
North Pelham	4,894	5,056	0.58	8,717
North Tarrytown	7,452	8,839	2.00	4,420
Ossining	13,242 ^{2/}	13,266 ^{2/}	3.14	4,225
Pelham	2,050	1,915	0.42	4,560
Pelham Manor	4,918	5,312	1.45	3,663
Pleasantville	4,538	4,492	1.44	3,092
Portchester	22,672	23,083	2.34	9,865
Rye	8,741	9,894	5.82	1,700
Scarsdale	9,772	13,048	6.37	2,048
Tarrytown	6,842	6,875	2.92	2,354
Tuckahoe	6,149	6,574	0.59	11,142
Towns (exclusive of villages)				
Bedford	6,312 ^{2/}	6,323 ^{2/}	40.22	157
Cortlandt	5,574	5,573	36.40	153
Eastchester	7,570	10,096	3.65	2,766
Greenburgh	9,093	12,646	19.02	665
Harrison	10,234	11,822	17.97	658
Lewisboro	1,440	1,942	26.88	67
Mamaroneck	6,694	8,513	5.43	1,568
Mount Pleasant	9,024	10,594	24.35	433
New Castle	3,623	4,423	21.00	211
North Castle	2,559	3,325	27.37	121
North Salem	1,130	1,196	23.43	51
Ossining	708	1,488	3.09	482
Poundridge	607	811	28.83	26
Rye	1,478	1,998	3.17	630
Somers	1,536	2,428	31.44	77
Yorktown	2,747	3,665	40.43	91
Sing Sing Prison	2,000	2,731		
Westfield State Farm	396	484		

^{1/} Populations are estimated as of July 1, on basis of U. S. Censuses of 1930 and 1940.

^{2/} Excludes state institutions.

^{3/} Peekskill became a city on January 1, 1940.

Table 2. Recorded births, stillbirths, deaths and infant deaths, with birth, death, stillbirth and infant mortality rates: Westchester County Health District, 1915-1940.

Year	Population estimated as of July 1	Live births	Still- births	Deaths	Deaths under one year	Rates ²			
						Birth	Still- birth	Death	Infant mortality
1915	163,424	3,499	137	2,234	341	21.4	37.7	13.7	97.5
1916	163,560	3,583	140	2,208	291	21.9	37.6	13.5	81.2
1917	164,295	3,560	89	2,212	265	21.7	24.4	13.5	80.1
1918	164,731	3,265	120	2,776	292	19.8	35.5	16.9	89.4
1919	165,169	2,915	112	2,003	199	17.6	37.0	12.1	68.3
1920	170,114	3,351	113	2,127	250	19.7	32.6	12.5	74.6
1921	179,561	3,502	139	2,088	255	19.5	38.2	11.6	72.8
1922	189,230	3,540	121	2,318	215	18.7	33.1	12.2	60.7
1923	198,942	3,683	154	2,363	227	18.5	40.1	11.9	61.6
1924	208,588	3,789	114	2,265	229	18.2	29.2	10.9	60.4
1925	218,453	3,650	129	2,391	183	16.7	34.1	10.9	50.1
1926	229,409	3,783	133	2,529	227	16.5	34.0	11.0	60.0
1927	240,399	3,875	143	2,415	187	16.1	35.6	10.0	48.3
1928	251,351	3,950	149	2,730	202	15.7	36.4	10.9	51.1
1929	262,291	3,985	147	2,657	222	15.2	35.6	10.9	55.7
1930	271,641	4,083	139	2,706	199	15.0	32.9	10.0	48.7
1931	275,248	3,933	129	2,651	203	14.3	31.8	10.4	51.6
1932	278,524	3,944	127	2,785	171	14.2	31.2	10.0	43.4
1933	281,981	3,558	139	2,839	152	12.6	37.6	10.1	42.7
1934	285,318	3,604	123	2,795	158	12.6	33.0	9.8	43.8
1935	288,437	3,518	116	2,886	138	12.2	32.0	10.0	39.2
1936	292,160	3,387	90	2,909	143	11.6	25.9	10.0	42.2
1937	295,569	3,278	101	2,884	112	11.1	29.5	9.8	34.2
1938	299,021	3,649	90	2,907	119	12.2	24.1	9.7	32.6
1939	302,703	3,560	96	3,019	124	11.8	26.3	10.0	34.8
1940	306,029	3,791	92	3,061	137	12.4	23.7	10.0	36.1

¹/ Populations, which include state institutions, are based on the U. S. Censuses of 1920, 1930 and 1940 and the State Enumerations of 1915 and 1925.

²/ Birth and death rates per 1,000 population; stillbirth rates per 1,000 births including stillbirths; infant mortality per 1,000 live births.

Table 3. Resident births, stillbirths, deaths and infant deaths with birth, death, stillbirth and infant mortality rates: Westchester County Health District, 1920-1940.

Year	Population ^{1/} estimated as of July 1	Live births	Stillbirths	Deaths	Deaths under one year	Rates ^{2/}			
						Birth	Stillbirth	Death	Infant mortality
1930	269,245	4,651	140	2,577	215	17.3	29.2	9.6	46.2
1931	272,602	4,416	129	2,658	216	16.2	26.4	9.8	45.9
1932	275,959	4,360	131	2,714	185	15.8	29.2	9.8	42.4
1933	279,316	3,902	145	2,681	155	14.0	35.6	9.6	39.7
1934	282,673	3,931	119	2,637	164	13.9	29.4	9.3	41.7
1935	286,030	3,871	115	2,701	141	13.5	26.9	9.4	36.4
1936	289,387	3,777	98	2,811	159	13.1	25.3	9.7	42.1
1937	292,743	3,596	107	2,732	115	12.3	26.9	9.3	32.0
1938	296,100	3,974	85	2,692	110	13.4	20.9	9.1	27.7
1939	299,458	3,923	121	2,742	126	13.1	29.9	9.2	32.1
1940	302,814	4,152	110	2,840	138	13.7	25.7	9.4	33.2

1/ Populations, which exclude state institutions, are based on U. S. Censuses of 1930 and 1940.

2/ Birth and death rates per 1,000 population; stillbirths per 1,000 births including stillbirths; infant mortality rates per 1,000 live births.

Table 4. Resident births, deaths, infant deaths, maternal deaths in certain geographical subdivisions: Westchester County Health District, 1932-1935, 1936-1939, 1940.

Geographical subdivision	Population estimated as of July 1, 1940	Births		Deaths		Infant deaths		Maternal deaths	
		1932-1935	1936-1939	1940	1932-1935	1936-1939	1940	1932-1935	1936-1939
County health district	302,414	16,064	15,270	4,162	10,733	10,977	2,840	645	510
Cities	40,439	2,369	2,332	636	1,428	1,556	407	87	50
White Plains	17,316	1,057	926	233	847	796	208	40	4
Peekskill									
Villages over 10,000 population	23,063	1,382	1,277	368	828	839	253	56	15
Portchester	13,266	816	727	191	639	603	147	27	4
Ossining	13,066	758	781	163	458	472	111	22	3
Mamaroneck									
Villages 5,000-10,000 population	96,201	5,805	5,154	1,217	3,400	3,529	907	166	37
Rest of district	97,443	3,877	4,073	1,354	3,133	3,182	807	181	46

Table 5. Resident birth and death rates, infant and maternal mortality in certain geographical subdivisions: Westchester County Health District, 1932-1935, 1936-1939, 1940.

Geographical subdivision	Birth rate	Death rate		Infant mortality		Maternal mortality		Maternal mortality
		1932-1935	1936-1939	1940	1932-1935	1936-1939	1940	
County health district	14.3	13.0	13.7	9.5	9.3	9.4	40.2	33.4
Cities	15.3	14.3	15.7	9.5	9.9	10.1	46.0	37.3
White Plains	15.4	13.4	13.5	12.3	11.5	12.0	58.7	43.2
Peekskill								
Villages over 10,000 population	15.1	13.9	15.9	9.1	11.0	40.5	27.4	40.6
Portchester	15.4	13.7	14.4	12.1	11.4	11.1	33.1	37.1
Ossining	15.5	15.3	12.5	9.4	9.3	8.5	29.0	42.3
Mamaroneck								
Villages 5,000-10,000 population	15.7	13.4	12.4	9.2	9.2	9.2	32.4	32.2
Rest of district	11.3	11.0	13.9	9.1	8.6	8.3	46.7	30.0

N.B. Birth and death rates per 1,000 population.

Infant mortality: deaths under one year per 1,000 live births.

Maternal mortality: deaths from puerperal causes per 1,000 live births.

Table 6. Resident deaths from certain important causes: Westchester County Health District, 1930-1940.

Cause	Number of deaths										
	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
All causes	2,577	2,656	2,714	2,681	2,637	2,701	2,811	2,732	2,692	2,742	2,840
Typhoid fever	3	1	2	3	2	-	1	1	1	1	1
Measles	3	1	3	4	4	-	4	2	2	-	1
Scarlet fever	3	1	4	3	1	6	2	2	1	1	-
Whooping cough	6	8	1	10	5	5	2	-	1	4	1
Diphtheria	6	4	1	4	3	1	-	3	1	-	-
Influenza	15	24	18	32	14	15	15	14	10	8	13
Acute poliomyelitis	3	22	4	7	1	5	-	-	-	1	-
Epidemic cerebrospinal meningitis	3	6	1	-	-	1	5	7	3	1	-
Tuberculosis, all forms	146	126	129	139	116	114	86	89	87	99	91
Syphilis	17	18	12	24	18	23	12	28	26	20	31
Cancer	296	316	308	344	306	363	367	357	384	399	441
Diabetes	55	61	54	72	53	67	87	79	95	73	90
Diseases of the heart	519	582	641	669	698	754	827	807	843	908	904
Pneumonia, all forms	203	215	215	174	174	158	180	185	127	117	108
Puerperal causes	22	23	23	26	17	15	15	19	16	6	7
Accidents ^{1/}	236	235	233	181	240	197	200	217	220	191	195
Automobile ^{1/}	104	97	106	80	123	71	74	93	87	71	74
Other accidents ^{1/}	132	136	127	101	117	126	126	124	133	120	121

^{1/} Accidents are allocated to place of occurrence.

Table 7. Resident death rates from certain important causes: Westchester County Health District, 1930-1940.

Cause	Rates per 100,000 population										
	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
All causes	957.1	975.0	983.5	959.8	932.9	944.3	971.4	933.2	909.2	915.7	937.9
Typhoid fever	1.1	0.4	0.7	1.1	0.7	-	0.3	0.3	0.3	0.3	0.3
Measles	1.1	0.4	1.1	1.4	1.4	-	1.4	0.7	0.7	-	0.3
Scarlet fever	1.1	0.4	1.4	1.1	0.4	2.1	0.7	0.7	0.3	0.3	-
Whooping cough	2.2	2.9	0.4	3.6	1.8	1.7	0.7	-	0.3	1.3	0.3
Diphtheria	2.2	1.5	0.4	1.4	1.1	0.3	-	1.0	0.3	-	-
Influenza	5.6	8.8	6.5	11.5	5.0	5.2	5.2	4.8	3.4	2.7	4.3
Acute poliomyelitis	1.1	8.1	1.4	2.5	0.4	1.7	-	-	-	0.3	-
Epidemic cerebrospinal meningitis	1.1	2.2	0.4	-	-	0.3	1.7	2.4	1.0	0.3	-
Tuberculosis, all forms	54.2	47.0	46.7	49.8	41.0	39.9	29.7	30.4	29.4	33.1	30.1
Syphilis	6.3	6.6	4.3	8.6	6.4	8.0	4.1	9.6	8.8	6.7	10.2
Cancer	109.9	115.9	111.6	123.2	108.3	126.9	126.8	121.9	129.7	133.2	145.6
Diabetes	20.4	22.4	19.6	25.8	18.7	23.4	30.1	27.0	32.1	24.4	29.7
Diseases of the heart	192.8	213.5	232.3	239.5	246.9	263.6	285.8	275.7	284.7	303.2	298.5
Pneumonia, all forms	75.4	78.9	77.9	62.3	61.6	55.2	62.2	63.2	42.9	39.1	35.7
Puerperal causes ^{1/}	4.7	5.2	5.3	6.7	4.3	3.9	4.0	5.3	4.0	1.5	1.7
Accidents	87.7	86.2	84.4	64.8	84.9	68.9	69.1	74.1	74.3	63.8	64.4
Automobile	38.6	35.6	38.4	28.6	43.5	24.8	25.6	31.8	29.4	23.7	24.4
Other accidents	49.0	50.6	46.0	36.2	41.4	44.1	43.5	42.4	44.9	40.1	40.0

^{1/} Rates per 1,000 live births.

Table 6. Resident deaths by age, with age specific death rates per 1,000 population:
Westchester County Health District, 1930-1940.

Age group	Number of deaths										
	1930 ^{1/}	1931	1932 ^{1/}	1933	1934	1935	1936	1937	1938	1939	1940
All ages	2,577	2,658	2,714	2,681	2,637	2,701	2,811	2,732	2,692	2,742	2,840
Under 5 years	270	285	241	211	219	181	206	155	137	149	168
5 - 14 years	64	66	71	75	64	63	57	51	52	42	31
15 - 24 years	111	113	112	84	85	77	93	89	64	49	54
25 - 44 years	387	391	389	423	359	343	350	348	269	304	309
45 - 64 years	768	775	809	796	835	797	866	817	842	890	893
65 years and over	976	1,026	1,090	1,092	1,075	1,240	1,237	1,272	1,306	1,306	1,385

Death rates per 1,000 population

All ages (standardized) ^{2/}	9.8	9.8	9.7	9.4	9.0	8.9	9.1	8.6	8.2	8.2	8.3
Under 5 years	12.5	13.4	11.5	10.2	10.7	9.0	10.5	8.0	7.1	7.9	9.0
5 - 14 years	1.4	1.4	1.5	1.6	1.3	1.3	1.2	1.1	1.1	0.9	0.7
15 - 24 years	2.4	2.4	2.4	1.8	1.8	1.6	1.9	1.8	1.3	1.0	1.1
25 - 44 years	4.2	4.2	4.1	4.4	3.7	3.5	3.5	3.4	2.8	2.9	2.9
45 - 64 years	15.4	15.1	15.2	14.5	14.8	13.8	14.5	13.3	13.4	13.8	13.5
65 years and over	72.8	73.3	74.5	71.6	67.8	75.2	72.3	71.5	71.4	69.0	70.8

^{1/} Ages unknown were recorded as follows: 1930 (1), 1932 (2).

^{2/} Population of New York State, Federal Census of 1930, was used as standard population.

Table 9. Resident infant deaths by age and cause: Westchester County Health District, 1930-1940.

Age and cause	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Total infant deaths	215	216	185	155	164	141	159	115	119	126	138
Age											
Under one day	72	84	77	59	61	49	63	39	52	59	64
1 - 6 days	37	33	33	33	31	27	32	20	28	29	32
7 - 29 days	15	19	29	11	9	11	11	19	5	9	12
1 - 2 months	19	31	19	19	21	19	17	12	10	14	17
3 - 11 months	72	49	36	33	42	35	36	34	15	15	15
Cause											
Infectious diseases	9	24	4	16	8	13	1	5	5	3	2
Respiratory diseases	31	25	22	15	22	20	27	18	4	10	11
Gastro-intestinal diseases	12	20	10	6	7	3	9	8	2	4	4
Congenital malformations	15	30	26	25	30	21	19	16	20	22	23
Congenital debility	6	4	2	-	1	-	-	2	-	3	2
Premature birth	58	58	59	44	48	41	63	31	42	40	48
Injuries at birth	34	31	32	24	19	25	20	14	15	29	29
Other causes peculiar to early infancy	8	11	9	8	7	4	6	6	10	4	10
All other causes	42	13	21	17	22	14	14	15	12	11	9

Table 10. Resident infant mortality rates by age and cause: Westchester County Health District, 1930-1940.

Age and cause	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Total	46.2	48.9	42.4	39.7	41.7	36.4	42.1	32.0	27.7	32.1	33.2
Age											
Under one day	15.5	19.0	17.7	15.1	15.5	12.7	16.7	10.8	13.1	15.0	15.4
1 - 6 days	8.0	7.5	7.6	8.5	7.9	7.0	8.5	5.6	7.0	7.4	7.7
7 - 29 days	3.2	4.3	4.6	2.8	2.3	2.8	2.9	2.8	1.3	2.3	2.9
1 - 2 months	4.1	7.0	4.4	4.9	5.3	4.9	4.5	3.3	2.5	3.6	3.6
3 - 11 months	15.5	11.1	8.3	8.5	10.7	9.0	9.5	9.5	3.8	3.8	3.6
Cause											
Infectious diseases	1.9	5.4	0.9	4.1	2.0	3.4	0.3	1.4	1.3	0.8	0.5
Respiratory diseases	6.7	5.7	5.0	3.8	5.6	5.2	7.1	5.0	1.0	2.5	2.6
Gastro-intestinal diseases	2.6	4.5	2.3	1.5	1.8	0.8	2.4	2.2	0.5	1.0	1.0
Congenital malformations	3.2	6.8	6.0	6.4	7.6	5.4	5.0	4.4	5.0	5.6	5.5
Congenital debility	1.3	0.9	0.5	-	0.3	-	-	0.6	-	0.7	0.5
Premature birth	12.5	13.1	13.5	11.3	12.2	10.6	16.7	8.6	10.6	10.2	11.5
Injuries at birth	7.3	7.0	7.3	6.2	4.8	6.5	5.3	3.9	3.8	7.4	7.0
Other causes peculiar to early infancy	1.7	2.5	2.1	2.1	1.8	1.0	1.6	1.7	2.5	1.0	2.4
All other causes	9.0	2.9	4.8	4.4	5.6	3.6	3.7	4.2	3.0	2.8	2.2

Table 11. Acute communicable disease cases: Westchester County Health District, 1920-1940.

Year	Chancroid	Chicken-pox	Diphtheria	Dysentery, bacillary and amebic	Encephalitis, epidemic	German measles	Gonorrhoea	Malaria	Measles	Meningitis, meningococcus	Ophthalmia neonatorum
1920	*	630	413	9	2	140	*	*	2,321	11	-
1921	*	802	333	20	17	135	*	*	1,223	6	2
1922	*	610	346	*	15	476	*	*	1,566	5	3
1923	*	*	189	1	23	*	*	5	1,461	8	3
1924	*	*	189	4	13	*	*	7	1,543	11	4
1925	*	*	134	3	2	*	*	-	896	11	3
1926	*	*	99	7	*	*	*	*	4,015	7	4
1927	*	*	118	2	5	120	*	3	304	5	3
1928	*	*	146	3	*	*	*	2	1,250	18	2
1929	*	*	130	*	2	*	*	*	2,549	8	3
1930	*	*	63	5	5	*	*	*	1,285	18	2
1931	1	1,041	45	7	2	461	64	-	2,291	11	2
1932	-	1,206	26	2	6	115	54	1	2,265	6	10
1933	1	1,967	14	7	4	63	40	1	3,945	3	6
1934	2	1,729	35	12	5	70	54	3	2,252	2	3
1935	1	1,659	17	1	1	1,388	56	2	2,014	3	2
1936	1	1,505	16	11	-	3,301	283	2	3,635	12	4
1937	3	1,630	9	16	1	141	364	4	1,635	11	6
1938	-	1,711	15	3	5	124	286	3	2,494	4	1
1939	2	787	5	10	5	58	273	2	1,704	3	2
1940	-	1,145	1	7	1	72	188	2	1,189	2	2

Year	Para-typhoid fever	Pneu-monia all forms	Polio-myelitis	Scar-let fever	Septic sore throat	Tet-anus	Trich-inosis	Typhoid fever	Undulant fever	Vincent's angina	#hooping cough
1920	-	624	6	325	25	2	*	49	*	*	615
1921	2	499	28	647	75	6	*	52	*	*	853
1922	1	612	16	650	16	*	*	41	*	1	636
1923	-	540	25	793	6	3	*	41	*	2	552
1924	25	504	13	345	10	4	*	79	*	6	968
1925	2	552	34	375	3	1	*	40	*	5	539
1926	-	710	9	388	4	5	*	34	*	*	634
1927	2	434	55	755	2	1	*	35	*	17	726
1928	-	804	24	556	*	3	*	29	*	*	908
1929	1	736	5	519	9	4	*	31	-	*	964
1930	21	493	16	543	16	3	2	27	4	*	792
1931	3	746	166	609	11	2	13	25	3	34	1,319
1932	-	722	35	608	33	6	2	17	6	27	1,244
1933	2	720	68	626	20	4	22	15	2	26	1,767
1934	1	556	12	639	16	3	18	16	2	20	764
1935	5	474	109	1,232	27	2	20	6	4	21	1,580
1936	3	716	7	577	16	8	13	5	2	26	937
1937	2	789	30	858	47	3	5	11	-	21	645
1938	4	728	7	602	49	3	3	8	3	23	1,488
1939	4	984	11	497	53	1	5	11	1	9	1,386
1940	1	715	3	541	49	3	12	2	1	16	612

*Data not available.

N.B. Rare diseases: Anthrax - 1 (1924), 1 (1931); Botulism - 3 (1934); Rabies (human) - 1 (1928); Smallpox - 2 (1923), 12 (1926), 1 (1927), 3 (1933); Tularemia - 1 (1932); Typhus fever - 1 (1936), 3 (1937).

There were no reported cases of Asiatic cholera, glanders, plague, psittacosis, or Rocky Mountain spotted fever.

Table 12. Hospitalization and nursing home visits to cases of certain acute communicable diseases occurring in the area^{1/} covered by the county health department, 1935-1940.

Disease	Cases hospitalized					
	1935	1936	1937	1938	1939	1940
Diphtheria	6	7	7	1	1	1
Measles	63	25	15	11	7	3
Scarlet fever	308	95	106	20	25	61
Typhoid fever	3	2	6	6	6	1
Whooping cough	33	5	1	6	10	6
Cases cared for at home						
Diphtheria	9	5	2	7	2	-
Measles	1,001	2,059	890	1,349	1,606	617
Scarlet fever	388	314	515	181	195	378
Typhoid fever	-	-	-	-	-	-
Whooping cough	553	407	349	1,220	893	536
Nursing visits						
Diphtheria	98	26	23	48	15	5
Measles	1,668	3,566	1,074	2,302	2,074	971
Scarlet fever	1,425	1,129	1,777	633	738	1,439
Typhoid fever	42	54	66	38	58	44
Whooping cough	1,271	879	878	2,617	1,766	1,204

1/ The area included has varied from year to year, since local health officer functions have been relegated to the county health department gradually. In 1940 only the villages of Peekskill, Port Chester and Rye were served by local health officers.

Table 13. Case rates per 100,000 population from certain acute communicable diseases: Westchester County Health District, five year averages 1920-1939, and 1940.

Disease	Average annual rates per 100,000 population				
	1920-1924	1925-1929	1930-1934	1935-1939	1940
Diphtheria	155.3	52.2	13.1	4.2	0.3
Measles	857.3	750.0	664.4	776.9	365.5
Pneumonia, all forms	293.6	269.2	232.4	249.7	233.6
Poliomyelitis	9.3	10.6	21.3	11.1	1.0
Scarlet fever	291.6	215.7	217.2	254.6	176.5
Typhoid fever	27.7	14.1	7.2	2.8	0.7
Whooping cough	365.0	313.9	422.6	408.4	200.0

Table 14. Diphtheria cases by sex and age: Westchester County Health District, 1931-1940.

Age	1931		1932		1933		1934		1935		1936		1937		1938		1939		1940	
	Male	Female																		
All ages	16	27	11	15	5	9	13	22	10	7	8	6	3	6	9	6	2	3	1	-
Under one year	3	1	2	4	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
1 year	-	3	-	1	-	1	-	-	2	1	-	-	-	-	-	-	-	-	-	-
2 years	4	3	1	1	1	1	-	-	1	2	-	-	-	-	-	-	-	-	-	-
3 years	2	1	1	2	1	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-
4 years	2	2	-	-	-	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Under five years	11	9	2	9	1	2	5	7	1	3	1	1	1	1	3	2	1	1	-	-
5-9 years	4	5	3	4	2	1	5	4	4	2	4	1	1	1	4	2	1	1	-	-
10-14 years	1	4	2	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-
15-19 years	-	-	2	-	1	-	1	-	1	1	-	-	-	-	1	-	-	-	-	-
20-29 years	1	3	-	1	1	1	1	1	2	3	-	1	1	1	1	-	1	-	-	-
30 years and over	1	6	2	2	-	-	3	-	2	-	1	-	1	1	1	-	1	-	2	-

Table 15. Diphtheria cases by months: Westchester County Health District, 1931-1940.

Month	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Total	45	26	14	35	17	16	9	15	5	1
January	3	1	3	9	-	4	3	-	-	-
February	5	7	-	3	1	1	2	-	1	-
March	1	2	-	-	1	1	2	-	1	-
April	5	2	2	-	1	1	2	-	1	-
May	7	1	1	1	1	1	1	-	1	-
June	3	1	2	1	1	2	1	2	1	-
July	1	2	2	1	1	1	1	2	1	-
August	-	-	1	-	1	1	1	1	1	-
September	4	1	2	1	1	12	7	4	2	-
October	3	1	2	1	1	2	1	1	1	-
November	3	3	2	1	1	1	1	1	1	-
December	9	4	5	1	1	1	1	1	1	-

Table 16. Measles cases by sex and age: Westchester County Health District, 1931-1940.

Age	1931				1932				1933				1934				1935				1936				1937				1938				1939			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female														
All ages	1,227	1,064	1,125	1,140	1,935	1,952	1,160	1,092	1,029	985	1,857	1,778	800	835	1,258	1,236	876	828	646	543																
Under one year	17	27	25	40	39	24	28	22	19	24	26	9	12	15	19	14	18	14	20																	
1 year	42	55	49	91	62	50	29	18	17	66	12	27	46	36	33	30	32	14																		
2 years	70	50	69	110	114	40	56	60	52	110	67	26	50	72	40	56	36	31																		
3 years	80	72	70	75	130	135	47	56	72	57	95	102	48	50	72	78	56	48	32																	
4 years	74		73	66	85	169	144	70	89	57	55	126	96	39	47	67	86	56	55																	
Under five years																																				
5 - 9 years	283	277	286	303	540	494	231	258	229	200	427	357	136	162	250	291	201	206	130																	
10-14 years	766	596	672	664	1,200	1,165	706	623	610	514	1,107	1,048	509	776	730	462	395	332																		
15-19 years	148	144	129	144	213	241	141	169	139	121	268	211	123	193	185	122	134	51																		
20-29 years	19	25	30	12	23	28	17	30	24	26	47	23	22	15	25	37	16	11	19																	
30 years and over	4	13	13	5	7	13	16	6	9	7	18	10	29	4	9	6	11	6	5																	
	7	9	3	5	5	4	8	6	3	7	7	10	14	23	3	17	8	4	1																	

Table 17. Measles cases by months: Westchester County Health District, 1931-1940.

Month	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Total	2,291	2,265	3,945	2,252	2,014	3,625	1,635	2,494	1,704	1,189
January	9	30	31	369	10	526	16	61	223	127
February	19	99	125	551	42	301	52	134	341	257
March	105	463	266	640	48	343	113	320	465	359
April	215	640	967	238	191	567	328	608	268	128
May	727	524	1,002	163	288	750	585	413	252	64
June	868	298	435	200	251	827	375	625	109	61
July	275	144	159	59	119	253	102	123	15	46
August	23	28	41	12	21	37	27	14	6	16
September	15	2	32	3	9	6	12	7	3	3
October	16	24	58	5	213	4	2	10	5	7
November	41	6	321	4	363	9	7	60	2	25
December	8	7	508	6	459	10	16	120	13	92

Table 18. Pneumonia cases (all forms) by sex and age: Westchester County Health District, 1936-1940.

Age	1936		1937		1938		1939		1940	
	Male	Female								
Under 1 year	29	19	33	15	17	6	25	18	21	16
1 - 4 years	34	39	47	44	46	37	51	42	33	36
5 - 9 years	38	35	44	42	65	43	53	40	29	18
10 - 19 years	29	22	38	34	51	24	42	41	25	16
20 - 29 years	18	21	23	20	23	26	29	29	20	18
30 - 39 years	32	41	36	33	40	33	51	52	29	33
40 - 49 years	44	22	35	39	42	30	65	42	60	39
50 - 59 years	48	30	46	29	31	33	63	48	55	35
60 - 69 years	39	35	55	29	38	37	66	49	52	33
70 - 79 years	35	53	44	47	37	34	58	49	54	34
80 years and over	20	33	19	34	13	20	30	41	30	29

Table 19. Pneumonia cases (all forms) by months: Westchester County Health District, 1931-1940.

Month	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Total	746	722	720	556	474	716	789	728	984	715
January	140	79	147	64	74	101	179	95	138	64
February	149	97	85	51	39	91	112	86	225	129
March	108	138	65	129	37	112	82	116	118	84
April	68	56	47	74	60	73	91	91	141	86
May	38	69	55	39	53	54	40	47	116	86
June	25	34	34	39	24	53	31	32	44	44
July	19	35	23	12	13	30	23	30	23	51
August	18	8	21	13	20	37	39	22	18	19
September	28	14	29	13	24	13	25	37	38	23
October	26	36	35	19	35	41	51	53	37	44
November	47	57	85	34	26	33	64	50	31	32
December	80	99	94	69	69	78	52	69	55	53

Table 20. Poliomyelitis cases by sex and age: Westchester County Health District, 1931-1940.

Age	1931		1932		1933		1934		1935		1936		1937		1938		1939		1940	
	Male	Female																		
All ages	93	73	12	16	41	27	8	4	64	45	4	3	13	17	5	2	5	6	-	3
Under one year	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 year	7	7	1	1	1	1	1	1	4	4	2	4	1	1	-	-	-	-	-	-
2 years	12	9	1	2	1	1	-	-	6	5	3	1	1	1	-	-	-	-	-	-
3 years	13	11	2	-	1	5	1	-	10	2	-	-	-	-	-	-	-	-	-	1
4 years	7	7	-	-	3	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Under five years	41	36	7	5	17	1	2	-	24	10	4	1	3	3	-	-	-	-	-	1
5 - 9 years	29	15	5	5	20	10	7	2	18	11	9	-	5	8	1	-	4	3	-	-
10-14 years	17	11	7	3	11	3	-	-	-	-	6	2	4	2	1	-	2	2	-	-
15-19 years	5	6	-	-	2	2	1	-	-	2	3	-	1	2	2	-	-	-	-	-
20-29 years	1	1	-	-	2	1	1	-	-	-	2	-	1	1	-	-	-	-	-	-
30 years and over	-	2	-	1	2	-	-	-	-	3	1	-	1	1	-	-	1	1	-	-

Table 21. Poliomyelitis cases by month: Westchester County Health District, 1931-1940.

Month	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Total	166	35	63	12	109	7	30	7	11	3
January	3	1	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-
April	1	-	-	-	-	-	-	-	-	-
May	1	1	-	-	-	-	-	-	-	-
June	9	7	5	-	2	-	-	-	-	-
July	43	9	31	1	35	3	2	2	1	1
August	61	11	26	1	40	1	6	4	1	1
September	36	4	2	1	21	1	17	1	6	1
October	6	1	4	-	4	-	4	4	1	1
November	4	-	-	-	-	-	1	-	-	-
December	-	-	-	-	-	-	-	-	-	-

Table 22. Scarlet fever cases by sex and age: Westchester County Health District. 1931-1940.

Table 23. Scarlet fever cases by months: Westchester County Health District, 1931-1940.

Month	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Total	609	608	626	639	1,232	577	858	602	497	541
January	52	55	68	54	101	95	117	44	109	62
February	60	76	104	51	120	76	118	71	93	43
March	91	73	124	82	219	90	192	121	92	82
April 1	90	74	88	110	230	45	136	131	50	102
May	84	81	69	110	236	43	116	75	29	79
June	65	61	32	69	91	36	64	35	16	42
July	16	6	19	8	23	6	21	7	6	15
August	11	13	5	11	11	2	18	2	3	6
September	12	10	15	18	18	8	9	4	6	7
October	33	30	32	23	30	33	15	11	25	15
November	53	19	35	39	56	32	23	23	30	36
December	42	96	30	66	74	111	42	29	38	52

Table 24. Typhoid fever cases by sex and age: Westchester County Health District, 1931-1940.

Age	1931		1932		1933		1934		1935		1936		1937		1938		1939		1940	
	Male	Female																		
All ages	10	15	9	8	8	7	7	9	4	2	2	3	6	5	6	2	5	6	1	1
Under five years	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5-9 years	2	3	1	2	1	1	1	1	1	1	2	1	2	1	1	2	1	1	1	1
10-19 years	2	2	2	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1
20-29 years	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30-39 years	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40-49 years	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
50-59 years	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
60 years and over	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Table 25. Typhoid fever cases by months: Westchester County Health District, 1931-1940.

Month	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Total	25	17	15	16	6	5	12	6	11	2
January	1	3	1	3	2	1	1	1	1	1
February	1	1	1	1	1	1	1	1	1	1
March	1	1	1	1	1	1	1	1	1	1
April	1	2	1	3	1	1	1	1	1	1
May	2	1	1	2	1	1	1	1	1	1
June	1	1	1	1	1	1	1	1	1	1
July	1	1	1	1	1	1	1	1	1	1
August	5	4	3	4	1	1	1	1	1	1
September	5	4	2	3	1	1	1	1	1	1
October	6	2	3	1	1	1	1	1	1	1
November	1	1	1	1	1	1	1	1	1	1
December	1	1	1	1	1	1	1	1	1	1

Table 26. Whooping cough cases by sex and age: Westchester County Health District, 1931-1940.

Table 2. Whooping cough cases by months: Westchester County Health District, 1931-1940.

Month	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Total	1,319	1,244	1,767	764	1,560	937	645	1,466	1,386	612
January	155	136	219	54	190	112	62	65	175	62
February	145	161	176	48	170	66	92	63	159	46
March	144	153	396	67	152	75	52	92	210	50
April	142	97	190	47	156	103	45	45	156	60
May	122	64	259	47	164	169	71	72	118	30
June	145	90	150	49	91	126	53	115	102	31
July	157	84	139	32	129	47	39	98	91	22
August	76	49	74	51	77	30	63	161	118	24
September	57	58	28	46	75	54	28	183	82	31
October	26	43	37	55	41	43	43	150	57	73
November	50	131	67	90	59	21	21	243	48	116
December	96	178	52	120	162	55	55	201	70	65

Table 26. Number and percentage distribution under five years of age and five years and over of persons with complete series of treatments for immunization against diphtheria: Westchester County Health District, 1930-1940.

Year	Number			Per cent.	
	All ages	Under five years	Five years and over	Under five years	Five years and over
1930	6,295	3,162	3,133	50.2	49.8
1931	4,157	2,535	1,622	61.0	39.0
1932	5,019	3,209	1,810	63.9	36.1
1933	3,295	2,434	861	73.9	26.1
1934	4,946 ^{1/}	3,361	1,566	68.0	31.7
1935	3,553	3,056	497	86.0	14.0
1936	3,343	2,803	540	83.8	16.2
1937	3,432	2,486	946	72.4	27.6
1938	3,316	2,803	513	84.5	15.5
1939	3,238	3,001	237	92.7	7.3
1940	3,034	2,848	186	93.9	6.1

1/ Includes 19, age not stated

Table 29. Number and per cent. of children under five years of age with complete series of treatments for immunization against diphtheria: Westchester County Health District, 1935-1940.

Year	Children under five years	Number treated	Per cent. treated
1935	24,698	17,140	69.4
1936	22,135	16,269	73.5
1937	22,416	16,364	73.0
1938	20,555	15,313	74.5
1939	18,886	13,220	70.0
1940	19,427	13,016	67.0

Table 30. Cases and deaths from pulmonary and other forms of tuberculosis with rates per 100,000 population: Westchester County Health District, 1915-1940.

Year	Cases		Deaths ^{1/}		Case rates		Death rates ^{1/}	
	Pulmonary	Other forms	Pulmonary	Other forms	Pulmonary	Other forms	Pulmonary	Other forms
1915	298	29	224	32	182.3	17.7	137.1	19.6
1916	301	18	203	33	183.7	11.0	123.9	20.1
1917	241	32	191	42	146.7	19.5	116.2	25.6
1918	213	22	209	30	129.3	13.4	126.9	18.2
1919	255	34	167	26	154.4	20.6	101.1	15.7
1920	191	17	151	18	112.3	10.0	88.8	10.6
1921	228	34	149	16	127.0	18.9	83.0	8.9
1922	252	22	177	18	133.2	11.6	93.5	9.5
1923	217	25	156	15	109.1	12.6	78.4	7.5
1924	229	21	155	16	109.8	10.1	74.3	7.7
1925	215	17	145	12	98.4	7.8	66.4	5.5
1926	162	23	142	21	70.6	10.0	61.9	9.2
1927	230	21	169	19	95.7	8.7	70.3	7.9
1928	245	31	149	13	97.5	12.3	59.3	5.2
1929	207	12	160	13	78.9	4.6	61.0	5.0
1930	271	41	124	22	100.7	15.2	46.1	8.2
1931	428	58	112	16	157.0	21.3	41.1	5.9
1932	366	17	123	6	132.6	6.2	44.6	2.2
1933	421	26	127	12	150.7	9.3	45.5	4.3
1934	301	19	101	15	106.5	6.7	35.7	5.3
1935	324	26	100	14	113.3	9.1	35.0	4.9
1936	330	7	81	5	114.0	2.4	28.0	1.7
1937	319	20	80	9	109.0	6.8	27.3	3.1
1938	301	17	76	11	101.7	5.7	25.7	3.7
1939	254	11	93	6	84.8	3.7	31.1	2.0
1940	233	26	83	8	76.9	8.6	27.4	2.6

1/ 1930-1940 figures are resident deaths; all others are recorded.

N.B. All figures are taken from reports of the New York State Department of Health. They do not agree exactly with figures shown in tables 31 to 41 inclusive which were compiled directly from records of the Westchester County Department of Health.

Table 31. Cases of tuberculosis, all forms, by geographical subdivisions: Westchester County Health District, 1932-1940.

Place	1932	1933	1934	1935	1936	1937	1938	1939	1940
County health district	402	416	333	365	332	300	320	290	259
Cities									
White Plains	71	68	54	69	54	58	68	44	49
Peekskill	35	26	22	24	26	18	16	11	9
Villages									
Ardsley	5	3	1	2	2	-	2	2	-
Briarcliff Manor	2	3	4	-	-	-	-	-	-
Bronxville	4	3	3	2	3	1	1	4	10
Buchanan	1	3	-	5	-	2	2	2	5
Croton	6	5	2	2	6	5	8	3	3
Dobbs Ferry	13	11	3	9	4	2	8	3	3
Elmsford	12	6	8	8	9	5	10	9	3
Hastings	6	7	5	6	6	4	3	8	4
Irvington	2	2	2	5	5	4	1	2	2
Larchmont	7	11	4	8	5	5	9	5	5
Mamaroneck	20	13	16	18	9	14	15	21	13
Mount Kisco	12	18	12	12	7	6	14	6	9
North Pelham	2	2	1	-	-	1	2	1	2
North Tarrytown	19	13	8	18	12	14	12	9	7
Ossining	24	17	16	14	17	9	11	10	17
Pelham	7	8	5	5	5	3	6	3	2
Pelham Manor	2	5	1	-	5	1	1	1	-
Pleasantville	4	7	12	5	7	8	10	-	-
Portchester	32	32	26	31	26	32	20	18	12
Rye	9	9	13	11	12	6	13	10	5
Scarsdale	10	7	11	8	8	3	7	6	6
Tarrytown	14	11	12	14	5	9	8	8	8
Tuckahoe	9	12	11	6	10	7	9	7	8
Towns (exclusive of villages)									
Bedford	7	8	5	8	11	5	6	3	10
Cortlandt	9	14	7	9	11	12	9	3	4
Eastchester	3	6	3	1	8	6	6	3	2
Greenburgh	14	17	20	19	19	10	18	17	12
Harrison	9	18	8	17	15	7	9	14	5
Lewisboro	2	6	2	2	-	2	4	1	3
Mamaroneck	-	1	-	-	-	-	-	3	1
Mount Pleasant	12	10	8	13	10	11	6	18	13
New Castle	1	5	6	3	2	5	4	7	6
North Castle	5	10	13	3	2	7	2	5	5
North Salem	1	6	2	1	2	1	-	2	-
Ossining	1	-	-	-	1	1	1	-	-
Poundridge	1	-	-	-	-	1	1	-	-
Rye	-	1	-	-	1	1	1	1	1
Somers	2	5	4	3	1	3	2	3	2
Yorktown	7	7	3	2	4	1	1	4	3

Table 32. Deaths from tuberculosis, all forms, by geographical subdivisions: Westchester County Health District, 1932-1940.

Place	1932	1933	1934	1935	1936	1937	1938	1939	1940
County health district	129	125	114	126	91	86	90	92	91
Cities									
White Plains	18	18	16	21	14	3	4	1	17
Peekskill	15	6	9	31	13	17	15	22	5
Villages									
Ardsley	2	-	-	1	-	1	-	1	1
Briarcliff Manor	-	-	-	1	2	1	-	-	-
Bronxville	2	1	2	2	2	1	1	2	2
Buchanan	-	1	-	-	1	1	2	1	-
Croton	1	-	1	-	1	1	1	3	-
Dobbs Ferry	5	1	3	2	1	3	3	-	-
Elmsford	3	-	5	2	1	2	2	1	1
Hastings	2	3	2	1	-	-	3	1	2
Irvington	1	-	1	1	-	1	1	3	4
Larchmont	1	2	2	-	1	1	3	3	-
Mamaroneck	5	8	5	5	4	9	6	8	-
Mount Kisco	4	4	2	3	1	2	2	1	5
North Pelham	1	-	1	-	6	1	1	-	-
North Tarrytown	5	3	3	7	6	3	3	2	1
Ossining	11	6	8	4	7	2	2	2	2
Pelham	-	2	-	1	-	-	1	1	2
Pelham Manor	1	2	-	-	2	1	1	1	1
Pleasantville	2	3	2	1	1	1	1	2	2
Portchester	8	14	8	8	9	6	6	10	7
Rye	2	6	4	5	2	3	1	3	3
Scarsdale	3	1	3	4	1	-	1	-	5
Tarrytown	3	4	4	3	2	1	4	-	3
Tuckahoe	8	5	7	1	-	-	3	-	4
Towns (exclusive of villages)									
Bedford	1	2	2	1	2	-	1	1	5
Cortlandt	6	3	3	4	4	3	5	-	-
Eastchester	1	1	-	2	4	2	2	-	-
Greenburgh	6	7	4	4	5	4	6	-	-
Harrison	5	7	4	2	4	4	2	-	2
Lewisboro	-	3	-	-	-	-	-	-	1
Mamaroneck	-	1	1	-	1	-	-	-	1
Mount Pleasant	3	5	4	5	3	4	2	3	3
New Castle	1	1	-	-	1	1	-	1	1
North Castle	-	-	2	-	2	-	-	-	3
North Salem	-	-	2	1	-	-	-	-	-
Ossining	-	2	-	1	-	-	-	-	-
Poundridge	-	-	-	-	-	-	-	1	-
Rye	-	-	-	-	-	-	-	-	-
Somers	2	3	-	3	1	-	-	-	1
Yorktown	1	-	-	2	-	1	2	2	1

Table 33. Tuberculosis cases by sex and age: Westchester County Health District, 1932-1940.

Sex and age	1932	1933	1934	1935	1936	1937	1938	1939	1940
Males and females - all ages	402	416	333	365	332	300	320	290	259
0 - 14 years	27	45	35	45	18	16	16	7	10
15 - 24 years	78	69	55	52	53	47	38	40	41
25 - 34 years	100	102	89	86	87	69	85	74	61
35 - 44 years	84	73	58	60	72	51	58	66	42
45 - 64 years	87	70	74	90	75	82	91	59	66
65 years and over	15	20	18	27	19	28	20	23	27
Age not stated	11	17	4	5	8	7	10	21	10
Males - all ages	217	221	168	178	176	141	165	151	136
0 - 14 years	12	25	16	22	6	10	7	3	5
15 - 24 years	31	33	14	17	20	13	16	19	14
25 - 34 years	46	41	42	32	39	21	33	25	21
35 - 44 years	52	48	33	30	41	22	30	43	30
45 - 64 years	63	51	50	57	52	56	64	39	48
65 years and over	8	13	12	18	13	16	11	14	15
Age not stated	5	10	1	2	5	3	4	8	3
Females - all ages	185	195	165	187	156	159	155	139	123
0 - 14 years	15	20	19	23	12	6	11	4	5
15 - 24 years	47	56	41	35	33	34	22	21	27
25 - 34 years	54	61	47	54	48	48	52	49	40
35 - 44 years	32	25	25	30	31	29	26	23	12
45 - 64 years	24	19	24	33	23	26	27	20	20
65 years and over	7	7	6	9	6	12	9	9	12
Age not stated	6	7	3	3	3	4	6	13	7

Table 34. Tuberculosis case rates per 100,000 population by sex and age: Westchester County Health District, 1932-1940.

Sex and age	1932	1933	1934	1935	1936	1937	1938	1939	1940
Males and females - all ages ^{1/}	140.2	141.8	114.8	123.2	109.1	96.0	100.4	85.9	78.2
0 - 14 years	39.5	66.1	51.6	66.6	26.8	23.9	27.0	10.5	15.1
15 - 24 years	167.2	189.4	116.2	109.1	110.3	97.2	78.0	81.5	83.0
25 - 34 years	205.9	208.4	180.4	173.0	173.7	136.7	167.1	144.4	118.2
35 - 44 years	180.3	153.9	120.2	122.2	144.2	100.5	112.4	125.9	78.8
45 - 64 years	163.9	127.9	131.4	155.3	125.9	134.0	144.8	91.5	102.9
65 years and over	102.5	131.2	113.5	163.8	111.1	158.1	109.1	121.4	136.0
Males - all ages ^{1/}	153.7	151.3	117.5	121.8	116.3	91.2	105.2	92.4	83.7
0 - 14 years	34.4	71.9	46.1	63.7	17.4	29.1	20.5	8.8	14.7
15 - 24 years	139.0	146.4	61.5	73.9	86.0	55.4	67.5	79.3	57.9
25 - 34 years	197.0	175.1	178.9	135.9	165.2	88.7	139.0	105.0	87.9
35 - 44 years	221.5	201.6	136.7	122.6	165.3	87.5	117.6	166.6	114.7
45 - 64 years	236.6	185.8	176.8	195.9	173.8	182.1	202.7	120.4	144.5
65 years and over	124.4	194.5	173.0	250.3	174.6	207.8	138.3	170.5	177.2
Females - all ages ^{1/}	126.6	132.1	112.0	124.7	102.0	100.8	95.5	79.3	72.8
0 - 14 years	44.8	60.0	57.3	69.7	36.6	18.4	33.9	12.4	15.5
15 - 24 years	193.1	229.0	166.9	141.9	133.2	136.6	88.0	83.6	107.1
25 - 34 years	214.1	238.9	181.8	206.4	181.3	179.1	191.8	178.7	144.2
35 - 44 years	138.4	105.9	103.7	121.9	123.4	113.2	107.2	86.4	44.2
45 - 64 years	90.7	69.7	85.5	114.4	77.6	85.4	86.4	62.4	60.9
65 years and over	85.3	81.7	67.2	96.9	62.2	119.8	86.7	83.8	108.1

^{1/} Standardized for age and sex. Population of New York State, Federal Census of 1930, was used as standard population.

Table 35. Tuberculosis deaths by sex and age: Westchester County Health District, 1933-1940.

Sex and age	1933	1934	1935	1936	1937	1938	1939	1940
Males and females - all ages	125	114	126 ^{1/}	91	86	90	92	91
0 - 14 years	6	2	8	5	2	2	1	5
15 - 24 years	22	12	12	13	10	7	6	9
25 - 34 years	25	30	16	14	14	14	16	16
35 - 44 years	24	21	25	19	22	14	16	16
45 - 64 years	31	36	50	26	29	41	33	27
65 years and over	17	13	13	14	9	12	16	14
Males - all ages	77	62	76	51	57	56	58	50
0 - 14 years	6	1	2	3	1	2	1	4
15 - 24 years	12	5	5	5	5	3	2	3
25 - 34 years	7	12	7	5	8	4	8	7
35 - 44 years	18	13	15	12	14	9	11	8
45 - 64 years	23	25	37	17	23	29	25	21
65 years and over	11	6	10	9	6	9	11	7
Females - all ages	48	52	50 ^{1/}	40	29	34	34	41
0 - 14 years	-	1	6	2	1	-	-	1
15 - 24 years	10	7	7	8	5	4	4	6
25 - 34 years	18	18	9	9	6	10	10	11
35 - 44 years	6	8	10	7	8	5	7	10
45 - 64 years	8	11	13	9	6	12	8	6
65 years and over	6	7	3	5	3	3	5	7

^{1/} Includes two age not stated.

Table 36. Tuberculosis death rates per 100,000 population by sex and age: Westchester County Health District, 1933-1940.

Sex and age	1933	1934	1935	1936	1937	1938	1939	1940
Males and females - all ages ^{1/}	44.1	39.1	41.7	30.2	27.9	28.2	28.4	28.0
0 - 14 years	8.8	2.9	11.8	7.4	3.0	3.0	1.5	7.6
15 - 24 years	46.8	25.3	25.2	27.1	20.7	14.4	12.2	18.2
25 - 34 years	51.1	60.8	32.2	27.9	27.7	27.5	35.1	34.9
35 - 44 years	50.6	43.5	50.9	38.1	43.3	27.1	34.3	33.8
45 - 64 years	56.7	63.9	86.3	43.6	47.4	65.3	51.2	40.9
65 years and over	111.5	81.9	78.9	81.9	50.8	65.5	84.5	71.6
Males - all ages ^{1/}	55.0	43.1	51.2	34.2	37.3	35.2	36.1	31.2
0 - 14 years	17.2	2.9	5.8	8.7	2.9	5.8	2.9	11.8
15 - 24 years	53.2	22.0	21.7	21.5	21.3	12.6	8.3	12.4
25 - 34 years	29.9	51.1	29.7	21.2	33.8	16.8	33.6	29.3
35 - 44 years	75.6	53.9	61.3	48.4	55.7	35.3	42.6	30.6
45 - 64 years	83.8	88.4	127.1	56.8	74.8	91.9	77.2	63.2
65 years and over	164.6	86.5	139.0	120.9	77.9	113.1	134.0	82.7
Females - all ages ^{1/}	33.1	35.0	32.1	26.2	18.5	21.1	20.6	24.7
0 - 14 years	-	3.0	18.2	6.1	3.1	-	-	3.1
15 - 24 years	40.9	28.5	28.4	32.3	20.1	16.0	15.9	23.8
25 - 34 years	70.5	69.6	34.4	34.0	22.4	36.9	36.5	39.7
35 - 44 years	25.4	33.2	40.6	27.9	31.2	19.1	26.3	36.9
45 - 64 years	29.3	39.2	45.0	30.3	19.7	38.4	25.0	18.3
65 years and over	70.1	78.4	32.3	51.8	30.0	28.9	46.6	63.1

^{1/} Standardized for age and sex. Population of New York State, Federal Census of 1930, was used as standard population.

Table 37. Pulmonary tuberculosis cases among males by stage of disease and age: Westchester County Health District, 1932-1940.

Stage of disease and age	1932	1933	1934	1935	1936	1937	1938	1939	1940
Minimal									
All ages	64	52	25	25	26	28	45	35	16
0 - 14 years	3	1	-	1	1	1	1	-	-
15 - 24 years	17	12	3	2	4	3	5	3	6
25 - 34 years	13	10	11	6	8	2	11	7	3
35 - 44 years	15	17	6	7	8	6	7	16	4
45 - 64 years	13	11	4	7	5	11	17	7	2
65 years and over	-	1	1	1	1	3	2	1	1
Age not stated	3	-	-	1	1	2	2	1	-
Moderately advanced									
All ages	64	62	45	52	52	39	54	47	62
0 - 14 years	1	-	-	-	1	2	1	1	-
15 - 24 years	4	4	4	5	10	3	5	12	3
25 - 34 years	19	21	14	13	15	7	16	8	10
35 - 44 years	15	12	10	8	12	5	10	13	17
45 - 64 years	23	15	14	19	11	16	20	8	22
65 years and over	1	5	2	6	3	4	1	2	7
Age not stated	1	5	1	1	-	-	1	3	3
Far advanced									
All ages	77	71	71	63	80	51	52	64	45
0 - 14 years	1	1	-	1	1	-	-	1	-
15 - 24 years	6	12	1	7	4	1	4	4	4
25 - 34 years	14	7	15	8	14	10	4	9	4
35 - 44 years	21	17	15	10	21	10	12	14	9
45 - 64 years	25	23	31	28	32	21	24	22	21
65 years and over	7	6	9	9	6	9	7	11	7
Age not stated	1	5	-	-	2	-	1	3	-

Table 36. Pulmonary tuberculosis cases among females by stage of disease and age:
Westchester County Health District, 1932-1940.

Stage of disease and age	1932	1933	1934	1935	1936	1937	1938	1939	1940
Minimal									
All ages	54	55	40	42	43	52	47	46	33
0 - 14 years	1	1	1	-	2	1	3	2	4
15 - 24 years	17	19	13	13	9	12	8	11	9
25 - 34 years	20	16	13	14	15	22	15	15	12
35 - 44 years	10	11	7	8	8	9	11	9	3
45 - 64 years	4	5	6	6	6	6	9	4	5
65 years and over	1	1	-	1	-	1	1	1	-
Age not stated	1	2	-	-	1	1	-	4	-
Moderately advanced									
All ages	55	58	47	56	47	53	45	54	44
0 - 14 years	1	-	-	2	1	-	1	1	-
15 - 24 years	13	17	14	11	13	12	4	7	11
25 - 34 years	18	17	10	16	16	20	16	18	12
35 - 44 years	10	10	10	9	8	9	12	9	4
45 - 64 years	9	7	10	15	6	8	7	9	9
65 years and over	1	3	2	2	2	2	3	3	3
Age not stated	3	4	1	1	1	2	2	7	5
Far advanced									
All ages	55	53	43	43	44	39	43	32	33
0 - 14 years	1	-	-	1	-	-	1	-	-
15 - 24 years	11	14	10	7	7	7	9	2	5
25 - 34 years	15	27	19	15	14	5	15	12	14
35 - 44 years	10	4	7	9	14	9	3	4	3
45 - 64 years	11	5	4	6	6	9	9	7	3
65 years and over	5	2	2	5	3	8	4	5	6
Age not stated	2	1	1	-	-	1	2	2	2

Table 39. Number and per cent. of tuberculosis cases reported during year of death, or after death: Westchester County Health District, 1932-1940.

Year	Cases reported	Died in year of report	Reported after death	Per cent. died within year or reported after death
1932	402		71	17.7
1933	416	49	-	11.8
1934	333	62	3	19.5
1935	365	37	38	20.5
1936	332	23	27	15.1
1937	300	38	21	19.7
1938	320	22	29	15.9
1939	290	16	17	11.4
1940	259	13	26	15.8

Table 40. Number and percentage distribution of pulmonary tuberculosis cases by stage and according to whether or not a history of contact was recorded: Westchester County Health District, 1937-1940.

Stage	With history of contact		With no history of contact	
	Number	Per cent.	Number	Per cent.
All stages	165	100.0	894	100.0
Minimal	88	53.5	214	23.9
Moderately advanced	49	29.7	349	39.0
Far advanced	28	17.0	331	37.0

Table 41. Number and percentage distribution of tuberculosis cases (all forms) by sex and age and according to whether or not a history of contact was recorded: Westchester County Health District, 1937-1940.

Age	Number of cases					
	Both sexes		Males		Females	
	With history of contact	With no history of contact	With history of contact	With no history of contact	With history of contact	With no history of contact
All ages	174	995	76	515	96	460
0 - 14 years	12	39	5	20	7	19
15 - 24 years	40	126	17	45	23	81
25 - 34 years	34	255	10	90	24	165
35 - 44 years	30	187	14	111	16	76
45 - 64 years	41	259	23	184	18	75
65 years and over	12	66	7	49	5	37
Age not stated	5	43	2	16	3	27
Percentages						
All ages	100.0	100.0	100.0	100.0	100.0	100.0
0 - 14 years	6.9	3.9	6.4	3.9	7.3	4.0
15 - 24 years	23.0	12.7	21.8	8.7	24.0	16.9
25 - 34 years	19.5	25.6	12.8	17.5	25.0	34.4
35 - 44 years	17.2	18.6	17.9	21.6	16.7	15.8
45 - 64 years	23.6	26.0	29.5	35.7	18.7	15.6
65 years and over	6.9	8.6	9.0	9.5	5.2	7.7
Age not stated	2.9	4.3	2.6	3.1	3.1	5.6

Table 42. Tuberculosis clinic and nursing service: Westchester County Health District, 1931-1940.

Classification	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Number of clinics	353	505	484	477	470	489	475	462	441	494
Total attendance	4,265	6,667	7,418	7,540	8,100	8,901	8,176	8,349	7,554	8,078
Adults	1,611	2,578	3,286	3,254	3,722	4,341	4,546	4,800	4,587	4,923
Children	2,654	4,089	4,132	4,286	4,378	4,560	3,630	3,549	2,967	3,155
White	3,890	5,850	6,515	6,632	7,081	7,785	6,954	7,150	6,316	6,809
Colored	375	817	903	908	1,019	1,116	1,222	1,199	1,238	1,269
New admissions	1,736	2,633	2,683	2,284	2,434	2,781	3,080	3,344	3,162	3,128
Contacts	1/	1/	1,013	719	691	794	800	769	681	654
Old cases (new to clinic)	1/	1/	71	34	18	29	27	23	30	13
Others	1/	1/	1,599	1,531	1,725	1,958	2,253	2,552	2,451	2,461
Re-examinations	2,529	4,034	4,735	5,256	5,666	6,120	5,096	5,005	4,392	4,950
Contacts	1,876	2,311	1,075	976	952	1,330	2,573	2,517	2,283	2,298
Old cases	639	1,710	2,567	3,352	3,569	3,298	1,019	866	803	1,014
Others	1,750	2,646	1,093	928	1,145	1,492	1,504	1,622	1,306	1,638
New cases found	1/	151	209	177	177	141	140	152	138	132
Pulmonary	139	127	168	139	144	133	126	144	136	128
Minimal	33	70	78	52	47	45	54	64	61	60
Moderately advanced	79	30	46	35	45	40	37	45	46	51
Far advanced	27	27	44	51	52	47	35	35	29	17
Stage not stated	-	-	-	1	1	1	-	-	-	-
Primary active	1/	22	29	26	27	3	3	3	-	-
Other forms	1/	2	12	12	6	5	11	5	2	4
Nursing home visits for tuberculosis control	2,783	4,052	4,184	1,985	2,200	3,106	4,245	4,529	4,361	6,734

1/ Data not available.

2/ Includes new admissions.

Table 43. Register of tuberculosis cases: Westchester County Health District, 1936-1940.

Classification	Number of cases registered as of December 31st				
	1936	1937	1938	1939	1940
Diagnosed cases on register	1,381	1,463	1,478	1,602	1,708
Under clinic care	737	760	742	829	913
Pulmonary	694	722	710	801	847
Active	147	160	116	119	95
Quiescent or apparently arrested	257	241	204	206	183
Inactive	272	321	390	476	566
Primary	12	7	8	4	36
Other forms	31	31	24	24	30
Under private physician's care	254	279	325	359	365
Pulmonary	166	261	302	333	341
Primary	4	7	7	7	7
Other forms	12	11	16	19	17
Under hospital care (including boarding home patients)	390	424	411	414	426
Pulmonary	367	397	369	391	415
Primary	10	14	13	12	-
Other forms	13	13	19	11	13
Sputum positive cases	350	333	357	355	349
Under clinic care	80	60	62	60	68
Under private physician's care	84	76	101	110	104
Under hospital care (including boarding home patients)	186	197	194	185	177
Number of families, total	2,054	2,236	2,231	2,639	2,572
Number in which no contacts are listed	399	425	427	534	498
Adult contacts registered	3,358	3,742	3,952	4,690	4,833
Examined	2,129	2,370	2,612	3,015	3,147
Not examined	1,229	1,372	1,340	1,675	1,686
Per cent. examined	63.4	63.3	66.1	64.3	65.1
Child contacts (under 16 years) registered	2,868	3,101	3,114	3,364	3,410
Examined	2,534	2,767	2,799	3,005	3,037
Not examined	334	334	315	359	373
Per cent. examined	88.4	89.2	89.9	89.3	89.1

Table 44. Number and percentage distribution of pulmonary tuberculosis cases diagnosed in Westchester County Department of Health Clinics by stage of disease: 1931-1940.

Year	Number				Per cent.			
	Total	Minimal	Moderately Advanced	Far Advanced	Total	Minimal	Moderately Advanced	Far Advanced
1931	139	33	79	27	100.0	23.7	56.8	19.4
1932	127	70	30	27	100.0	55.1	23.6	21.3
1933	168	78	46	44	100.0	46.4	27.4	26.2
1934	139 ^{1/}	52	35	51	100.0	37.4	25.2	36.7
1935	144 ^{1/}	47	45	51	100.0	32.6	31.2	35.4
1936	133 ^{1/}	45	40	47	100.0	33.8	30.1	35.3
1937	126	54	37	35	100.0	42.9	29.4	27.8
1938	144	64	45	35	100.0	44.4	31.2	24.3
1939	136	61	46	29	100.0	44.9	33.8	21.3
1940	128	60	51	17	100.0	46.9	39.8	13.3

^{1/} Includes one stage not stated.

Table 45. Bovine tuberculosis control: Westchester County Health District, 1930-1940.

Classification	1930 ^{1/}	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Herds tuberculin tested	112	423	473	418	251	257	512	433	475	201	228
Number of cattle tested	2,911	5,936	5,264	3,906	4,070	4,070	6,411	5,097	6,136	4,937	5,175
Reactors	206	1,315	1,096	165	16	16	21	31	14	11	30
Percentage reactors	7.1	22.2	20.6	4.2	0.4	0.4	0.3	0.6	0.2	0.2	0.6

^{1/} No veterinarian employed by Westchester County Department of Health.

Table 46. Syphilis and gonorrhea cases: Westchester County Health District, 1936-1940.

Type of disease	1936	1937	1938	1939	1940
Syphilis, all stages	648	1,057	849	860	618
Congenital	47	65	70	73	43
Early	115	120	82	85	77
Late or unknown	466	872	697	722	498
Gonorrhea	283	364	286	273	188

Table 47. Syphilis clinic and nursing service: Westchester County Health District, 1931-1940.

Classification	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Number of clinics	52	61	101	102	312	401	361	405	414	417
Total attendance	816	2,521	5,234	5,394	9,745	12,487	14,081	17,638	16,374	15,137
New cases admitted	123	256	109	106	172	224	243	376	292	264
Suspects examined	✓	✓	✓	✓	✓	393	507	622	682	610
Treatments given	900	2,565	4,633	4,728	8,791	10,337	12,022	15,096	14,245	13,667
Nursing home visits for syphilis control	209	660	639	388	428	1,033	1,338	1,587	1,268	1,117

1/ Data not available.

Table 48. Register of syphilis clinic patients: Westchester County Health District, 1938-1940.

Classification	1938	1939	1940
Cases registered on December 31	640	924	991
Congenital	51	82	91
Early acquired	67	117	86
Late acquired	522	725	814
Cases discharged as arrested or cured	54	45	90

Table 49. Syphilis cases by sex and age according to stage of disease: Westchester County Health District, 1936-1940.

Age and stage of disease	1936		1937 ^{1/}		1938 ^{1/}		1939		1940	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Congenital										
All ages	15	32	26	39	32	38	20	53	21	22
0 - 4 years	6	7	1	5	9	5	3	6	3	2
5 - 9 years	1	1	3	4	4	2	2	2	4	-
10 - 14 years	5	6	7	7	4	1	3	2	5	3
15 - 19 years	-	3	3	2	1	5	4	7	1	3
20 years and over	3	13	12	20	13	25	8	36	8	14
Age not stated	-	2	-	1	-	-	-	-	-	-
Early										
All ages	64	51	66	54	46	36	42	43	44	33
0 - 14 years	1	-	-	-	-	1	-	2	-	-
15 - 24 years	14	23	18	27	11	22	12	21	11	18
25 - 34 years	21	14	35	19	19	10	16	17	17	12
35 - 44 years	12	3	7	7	11	2	11	1	9	2
45 - 64 years	3	-	5	1	4	-	3	2	6	1
65 years and over	-	-	-	-	1	-	-	-	1	-
Age not stated	13	11	1	-	-	1	-	-	-	-
Late or unknown										
All ages	226	260	429	440	328	366	352	370	244	254
0 - 14 years	-	-	-	-	-	-	-	-	1	-
15 - 24 years	19	50	27	85	24	65	24	54	16	51
25 - 34 years	56	95	105	155	87	136	101	134	54	90
35 - 44 years	67	61	137	111	90	97	114	109	67	55
45 - 64 years	68	42	143	82	113	55	101	67	80	49
65 years and over	8	2	10	3	11	11	12	5	22	9
Age not stated	8	10	7	4	3	2	-	1	4	-

1/ Age, sex and stage not stated: 1937-3, 1938-3.

Table 50. Orthopedic clinic and nursing service: Westchester County Health District, 1931-1940.

Year	Number of clinics	Attendance	Nursing home visits
1931	22	447	1,165
1932	46	777	1,360
1933	45	774	986
1934	42	866	939
1935	25	902	803
1936	24	688	936
1937	21	567	867
1938	22	582	1,065
1939	22	633	1,295
1940	22	643	1,292

Table 51. Register of crippled children (under 21 years): Westchester County Health District, January 1, 1940.

Condition	Number	Per cent.
All crippling conditions	663	100.0
Congenital malformations	95	14.3
Nerve injury (probably at birth)	86	13.0
Poliomyelitis	217	32.7
Infections other than poliomyelitis	82	12.4
Accidents	36	5.4
Disorders of metabolism, growth, nutrition	22	3.3
Bone tumors	5	0.8
Displaced or diseased cartilage	7	1.1
Unknown or uncertain causes	113	17.0

Table 52. Infant and preschool clinic and nursing service: Westchester County Health District, 1932-1940.

Classification	1/ 1932	1/ 1933	1/ 1934	1/ 1935	1936	1937	1938	1939	1940
Number of clinics	335	312	303	523	612	704	537	503	589
Total attendance	5,337	5,398	5,241	6,684	9,354	9,117	7,497	7,015	8,030
Infants	2,647	2,498	2,157	3,640	4,780	4,865	4,012	3,483	3,936
Preschools	2,690	2,900	3,084	3,044	4,574	4,252	3,485	3,532	4,094
New admissions			data not available			1,407	1,248	1,108	1,150
Infants			data not available			956	896	795	836
Preschools			data not available			451	352	313	314
Clinic registration	1,937	1,966	1,922	2,196	3,663	3,092	2,896	3,072	3,210
Infants	837	748	678	961	1,548	1,361	1,288	1,209	1,197
Preschools	1,100	1,218	1,244	1,235	2,115	1,731	1,608	1,863	2,013
Children with defects	1,072	1,295	1,233	1,484	1,867	1,661	856	741	1,132
Infants	397	437	380	589	668	555	300	246	380
Preschools	675	858	853	895	1,199	1,106	556	495	752
Nursing home visits	2/ 3,595	3,624	4,107	4,040	6,458	6,145	6,752	11,910	13,733
2/ Infants				1,657	2,796	2,646	2,861	4,627	5,414
Preschools			data not available		2,183	3,662	3,499	3,891	7,283
			data not available						8,319

1/ Figures for White Plains are not included except for three months in 1935.

2/ For 1932-1938 inclusive, visits are for health supervision only.

For 1939-1940 inclusive, visits are for all purposes.

Table 53. Nursing home visits and conferences: Westchester County Health District, 1931-1940.

Type of visit or conference	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
All visits and conferences	18,477	26,777	25,301	20,379	22,473	33,668	31,135	36,295	33,422	40,107
Health supervision	2,627	6,216	5,380	8,956	8,199	11,871	10,541	12,325	11,993	13,844
Maternity	1,160	1,037	669	497	836	1,731	1,760	1,746	1,749	2,187
Morbidity, communicable	4,957	6,725	6,987	4,392	6,303	10,832	10,556	12,340	10,674	11,875
Morbidity, non-communicable	2,713	2,522	1,992	1,995	1,631	2,176	1,410	2,238	2,373	4,097
In behalf of patients or work	3,143	4,626	5,626	2,287	2,576	3,428	3,616	3,679	3,006	5,020
Office conferences	312	565	606	755	588	590	1,167	1,546	1,292	575
Special surveys	2,115	3,786	1,706	-	-	-	-	-	30	-
Other (miscellaneous, not home)	1,250	1,295	335	1,497	2,340	3,040	2,085	2,421	2,305	2,509

Table 54. Public water supplies classified as to ownership, source and treatment: Westchester County Health District, 1922-1940.

Classification	Numbers of supplies			Number of districts served			Population served		
	1922	1930	1940	1922	1930	1940	1922	1930	1940
Source of supply									
All sources	21	23	31	38	54	68	160,646	224,122	283,191
Surface	10 ¹	13 ¹	10 ¹	25	37	36	128,964	174,904	195,760
Ground	8	5	13	9	6	22	9,281	6,594	16,515
Mixed	3	5	8	4	11	8	22,401	42,624	70,916
Treatment									
Chlorination	10 ¹	9 ¹	14 ¹	15	24	27	61,774	103,394	129,904
Filtration and Chlorination	6	7	8	15	18	18	89,988	103,539	139,527
Ownership									
Local sources	14 ²	16 ²	19 ²	20	25	33	not available	76,231	
New York City entirely	5	22	15	2	14	20	not available	71,146	
Local sources and auxiliary New York City	6	5	10	16	15	15	not available	133,814	
Companies, 2 or more districts ³	4	5	2	18	21	6	not available	97,887	
Companies, 1 district only	7	6	12	7	6	12	not available	2,535	

¹/ New York City system counted as one supply.

²/ Number of districts with connections.

³/ Areas served by companies considered as one district, except where distribution is separately owned.

Table 55. Average daily consumption of water (in million gallons) from public supplies, with per cent. of population served: 1922-1940.

Year	Average daily consumption in million gallons				
	New York City sources		Other supplies	All sources	Per cent. of health district population served
Year	Entire county	Health district		Health district	Health district
1922	0.64	0.39	15.93	16.32	not available
1930	21.40	7.57	11.75	19.32	83.0
1938	17.80	8.04	17.05	25.09	93.0
1939	22.78	9.68	15.86	25.74	93.0
1940	21.68	8.36	17.83	26.19	94.0

¹/ Exclusion of institutions.

Table 56. Municipal and county sewage treatment plants: Westchester County Health District, 1940.

Plant location	Average flow m.g.d.	Estimated population served 1940	Treatment	Outfall
Municipal Sewage Treatment Plants				
Mount Kisco	0.6	5,962	Imhoff tanks, sprinkling filters, secondary settling, sand filters, chlorination, open and covered sludge beds.	Branch of Kisco River
Briarcliff Manor Pocantico system	0.15	1,000	Septic tanks, sand filters, sludge beds.	None
Scarborough dock	0.070	640	Septic tanks, summer chlorination, covered sludge beds.	Hudson River
River Road	0.045	300	Septic tank covered sludge beds.	Hudson River
Larchmont	1.0	5,987	Settling, summer chlorination, sludge digestion, covered sludge beds.	Larchmont Harbor, Long Island Sound
North Tarrytown	0.65	9,139	Settling, pre-and post chlorination, heated sludge digestion, covered sludge beds.	Hudson River
Ossining, Village Water Street	0.65	12,750	Settling, pre-chlorination, heated sludge digestion, covered sludge beds.	Hudson River
Liberty Street	0.25	1,415	Imhoff tanks, pre-chlorination, covered sludge beds.	Hudson River
Port Chester	2.8	25,000	Imhoff tanks, pre-chlorination and summer chlorination (post); sludge digestion, covered sludge beds.	Port Chester Harbor, Long Island Sound
Tarrytown	0.6	6,200	Settling, pre-chlorination, and summer chlorination (post), heated sludge digestion, covered sludge beds.	Hudson River
Croton-on-Hudson	0.3	2,250	Summer chlorination	Hudson River
Peekskill	3.5	17,000	Summer chlorination (largest outfall only)	7-Hudson River
Irvington (under construction)				
Westchester County Joint Treatment Plants				
Blind Brook	0.7	6,500	Fine screens, summer pre- and post chlorination.	Off Rye Beach, Long Island Sound
Mamaroneck	8.5	43,700	Fine screens, summer pre- and post chlorination.	Off Mamaroneck, Long Island Sound
North Yonkers	10.0	85,500	Fine screens, summer pre- and post chlorination.	Off Main Street, Yonkers, Hudson River
South Yonkers	24.0	215,000	Fine screens, summer pre- and post chlorination.	Off south end of Yonkers, Hudson River

Table 57. Sewered area and per cent. of population served by municipal sewage treatment plants: Westchester County Health District, 1930 and 1940.

Year	Sewered area square miles	Population of sewered area	Per cent. of health district area sewered	Per cent. of population served
1930	64.35	203,465	16.2	75.6
1940	74.96	243,539	17.7	80.5

Table 58. Populations and per cent. of health district and county populations served by county joint sewage treatment plants: 1940.

Area	Population in areas tributary to county system	Population served by county system	Per cent. of population served by county system
Health district	177,062	155,896	88.0
Entire county	389,540	353,271	90.7

Table 59. Type of sewage treatment in sewered areas: Westchester County Health District, 1940.

Type of treatment	Population served	Average flow m.g.d.	Per cent. of total population
All types	243,539	54,445	100.0
Primary only	61,431	6,695	25.2
Primary and secondary	6,962	0,750	2.9
Fine screening	155,896	43,200	64.0
Summer chlorination only	19,250	3,800	7.9

Table 60. Milk and cream consumption and distribution by grades: Westchester County Health District, 1930-1940.

Classification	Dec. 1930	Dec. 1931	Dec. 1932	Dec. 1933	Dec. 1934	Dec. 1935	Dec. 1936	Dec. 1937	Dec. 1938	Dec. 1939	Dec. 1940
Daily total milk sold, quarts	104,752	116,451	114,140	108,297	108,283	110,055	112,952	109,945	111,404	114,957	115,263
Per capita consumption, quarts	.39	.42	.41	.39	.38	.38	.39	.37	.37	.38	.37
Daily total cream sold, quarts	6,293	4,376	6,756	4,287	4,126	3,964	4,072	4,010	4,164	4,235	4,033
Per cent. of total milk sold	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Pasteurized milk	90.5	93.5	93.0	95.5	96.2	96.9	97.0	97.1	97.7	97.5	97.9
A Pasteurized	26.6	29.9	29.0	26.0	26.3	25.8	25.9	23.7	23.3	24.2	22.4
B Pasteurized	61.9	63.6	64.0	69.5	69.9	71.1	71.1	73.4	74.4	73.3	75.5
Raw milk	9.5	6.5	7.0	4.5	3.6	3.1	3.0	2.9	2.3	2.5	2.1
Certified	1.2	.6	.7	.6	.6	.6	.6	.6	.6	.3	.3
Special A raw	8.3	5.9	6.3	3.9	3.0	2.3	2.2	2.3	1.7	2.2	1.6

N.B. Per capita consumption does not include milk consumed by institutions, estates and farms producing milk for their own use until 1934.
 Grade A raw milk and raw cream became Special A raw milk and cream as of July 1, 1934.
 Grade B milk and cream abolished May 1, 1941.

Table 61. Percentage distribution of routine samples of milk and cream of various grades conforming to certain standards: Westchester County Health District, 1931-1940.

Standard	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Bacteria per c.c.										
Milk										
Grade A pasteurized										
Under 10,000	66	59	78	66	66	93	96	97	91	86
10,000 to 30,000	24	29	14	9	7	5	2	2	6	11
Over 30,000 (code limit)	10	12	8	3	5	2	2	1	3	3
Grade B pasteurized										
Under 10,000	52	47	63	75	78	86	92	92	78	51
10,000 to 50,000	37	41	29	20	18	11	5	6	17	40
Over 50,000 (code limit)	11	12	8	5	4	3	3	2	5	9
Special A raw ^{1/}										
Under 10,000	51	57	62	62	84	88	82	85	81	79
Over 10,000 (code limit)	49	43	38	18	16	12	18	15	19	21
Cream										
Grade B pasteurized ^{1/}										
Under 100,000	58	63	77	75	79	73	92	90	91	89
100,000 to 250,000	14	19	14	11	5	8	4	4	4	5
Over 250,000 (code limit)	28	18	9	14	16	19	4	6	5	6
Special A raw										
Under 50,000	47	70	78	80	75	78	82	92	86	84
Over 50,000 (code limit)	53	30	22	20	25	22	18	8	14	16
Temperature										
Under 50°	70	85	89	86	88	91	88	88	90	93
Over 50°	30	15	11	14	12	9	12	12	10	7
Phosphatase pasteurization test										
Grade A pasteurized					Test not in					
Properly pasteurized					general use			87	96	97
Improperly pasteurized					until 1937			13	4	3
Grade B pasteurized										
Properly pasteurized								92	96	98
Improperly pasteurized								8	4	2
										-

1/ Grade A raw milk and cream was prohibited and Special A raw milk and cream permitted, the bacteria count code limits being reduced, on July 1, 1934. At the same times limits were reduced for pasteurized cream.

N.B. New media was used commencing July 1, 1939.



Table 62. Milk and milk products plants and sources: Westchester County Health District, 1931-1940.

Type	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Pasteurizing plants	72	73	70	61	56	51	47	49	47	49
Raw shipping stations	92	71	85	92	90	79	73	80	76	77
Bottling plants	41	40	38	23	21	21	20	20	19	19
Raw milk producers	47	45	46	25	22	18	19	17	24	16
Distributing stations	62	52	50	47	46	40	36	40	39	39
Frozen dessert plants			not under permit			39	77	81	109	89

N.B. Approximately twelve thousand producers supply milk and cream to the plants listed above.

Table 63. Inspections made, permits issued and samples taken for control of milk and milk products: Westchester County Health District, 1931-1940.

Classification	1931 ^{1/}	1932	1933	1934	1935	1936	1937	1938	1939	1940
Inspections made										
Pasteurizing plants and shipping stations	389	785	746	700	781	807	759	735	773	757
Milk bottling plants	463	760	620	699	663	690	582	556	499	526
Milk producers	650	1,479	1,726	1,325	1,622	1,381	1,448	1,714	1,554	1,442
Milk distributing stations	213	411	422	364	358	429	424	365	403	414
Herds tuberculin tested	359	473	418	251	257	100	59	58	34	35
Herds, physical examinations	-	-	-	61	86	51	68	87	87	82
Permits issued										
Milk dealers	124	128	131	92	90	93	80	87	85	80
Storekeepers' milk	-	891	796	818	931	966	986	972	1,004	1,013
Frozen desserts	-	-	-	-	-	-	-	-	90	89
Milk and cream samples	2,583	4,411	4,184	3,992	4,808	5,202	5,074	4,584	3,901	4,583
Frozen dessert samples	-	-	-	-	-	-	-	-	200	492

1/ White Plains excluded.

Table 64. Inspections made, permits issued and samples taken for control of foods and food handling: Westchester County Health District, 1931-1940.

Classification	1931 ^{1/}	1932	1933	1934	1935	1936	1937	1938	1939	1940
Inspections made										
Abattoirs	103	839	1,671	1,887	2,131	2,061	1,678	1,379	1,328	1,072
Bakeries	-	-	51	135	219	1,515	975	1,112	1,047	1,028
Eating places	-	394	602	745	845	3,339	2,910	2,691	4,231	5,197
Food peddlers	-	-	-	386	390	1,203	1,423	807	520	614
Food processing plants	-	-	6	117	152	185	233	388	673	417
Meat post mortems	-	-	2,155	1,509	3,715	3,683	4,097	3,354	3,696	3,612
Stores and markets	133	1,324	3,326	3,773	5,637	16,568	12,569	8,720	8,211	7,048
Permits issued										
Abattoirs	12	41	53	65	58	51	60	55	50	48
Bakeries	-	-	-	-	-	40 ^{2/}	44 ^{2/}	119	137	160
Beverage plants	-	-	-	-	-	-	-	-	9	9
Eating places	-	-	-	-	-	-	-	-	943	1,319
Food vehicles	-	-	-	-	-	-	-	-	77	67
Food samples taken	-	-	-	-	-	-	-	79	218	121

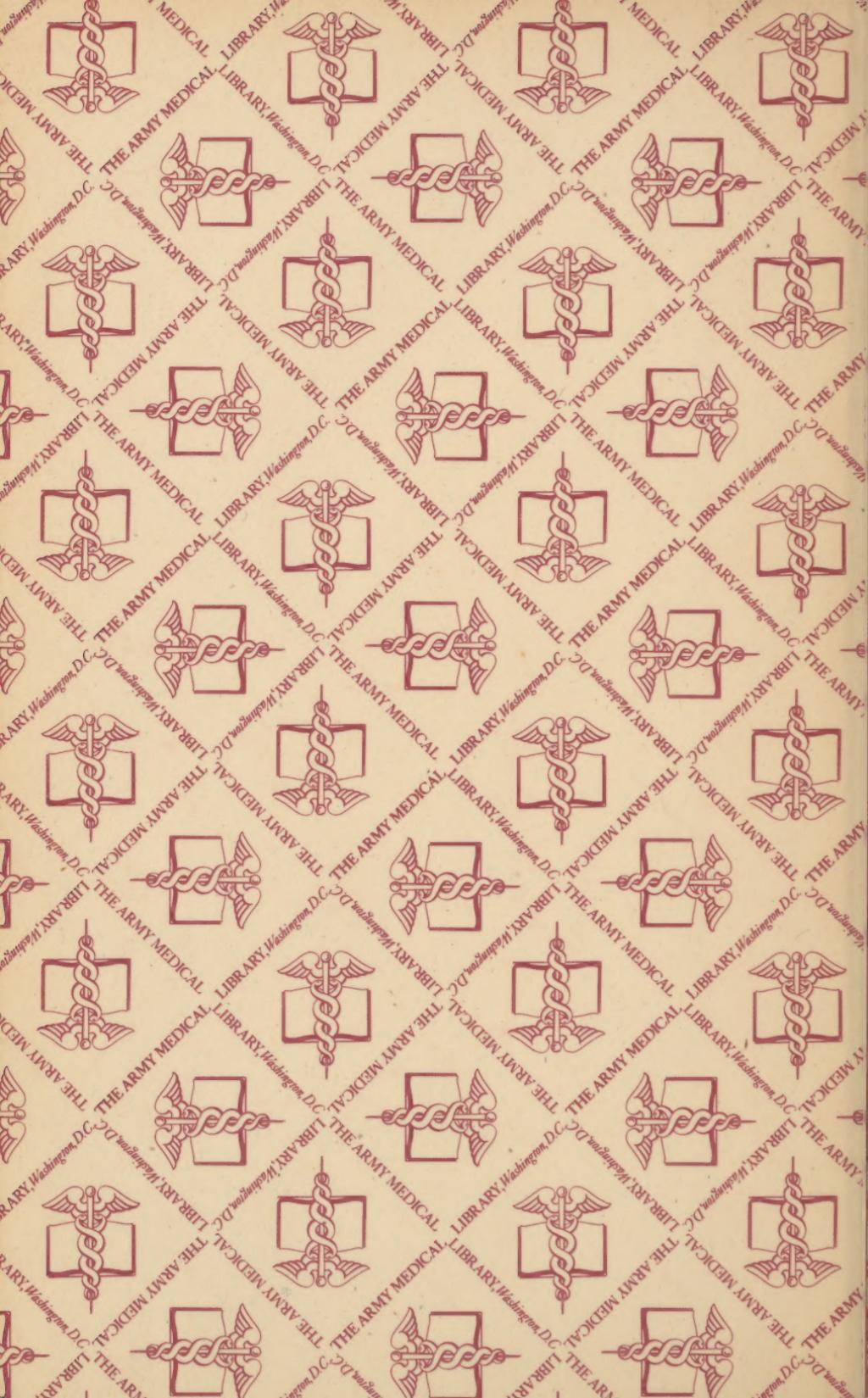
1/ White Plains excluded.

2/ Special custard filled pastry only.

Table 65. Inspections made, permits issued and samples taken for control of public sanitation facilities and other general sanitation activities: Westchester County Health District, 1931-1940.

Classification	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Public sanitation facilities										
Inspections made										
Water supplies	300	411	399	512	622	435	467	445	568	594
Sewers and sewage disposal	296	312	282	323	455	704	1,120	1,183	1,231	1,212
Realty subdivisions	-	-	-	-	-	-	-	-	19	20
Camps and boarding homes	20	16	31	67	124	188	112	140	118	106
Swimming pools and bathing places	304	368	410	580	411	385	145	118	117	190
Refuse disposal	-	146	156	297	189	124	45	60	45	237
Public places	-	-	-	180	122	847	442	126	35	165
Permits issued										
Water supplies	-	-	-	-	-	-	-	-	2	13
Sewage disposal	75	28	29	25	127	177	373	394	533	652
Realty subdivisions	Permit required for sewage only prior to 1938									
Camps	-	7	10	15	29	34	37	44	45	46
Special dormitories	-	-	6	-	-	-	-	4	5	7
Carnivals	-	-	-	-	-	-	-	1	4	5
Swimming pools and bathing places	35	45	51	57	106	121	103	107	106	110
Refuse disposal	36	40	11	14	25	39	28	34	33	76
Water samples taken	348	630	716	972	858	777	614	737	792	962
General activities										
Complaints and nuisances handled	933	1,186	980	1,173	1,094	1,153	1,250	1,439	1,127	1,256
Prosecutions	-	-	-	-	34	24	70	31	30	23
Suspected rabid dogs examined	108	493	564	791	626	1,209	1,490	1,604	1,798	1,513







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